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WGU C720 OA- Operations and Supply Chain Management Exam| Questions and Verified Answers| 2023/ 2024 Latest Update!!!

QUESTION

A rental company has a fleet of 50 cars that can be rented daily if all vehicles have been washed and inspected and are free of mechanical and electrical defects. Due to maintenance requirements and late returns by customers, the rental company is, in general, able to prepare 45 cars per day for rental. On average, 30 cars are rented daily.

What is the design capacity for this company?

Answer:
45 cars/day

QUESTION

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The original capacity in each process for a computer manufacturer's operations is as follows:
Parts inventory: 500 units available per day
Assembly: 300 units assembled per day
Delivery: 450 units processed per day

After the computer manufacturer upgrades the assembly system, it can assemble 550 units per day.

According to this information, what is the throughput for this computer manufacturer?

Answer:
450 units/day

QUESTION

A purchasing manager is responsible for vendor-managed hardware inventory at a client's office chair production facility. The manager notices that ½-inch bolts are out of stock and need immediate replenishment. As the purchasing manager looks over the past usage, it is noticed that

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more bolts are being used on Tuesday each week than any other day of the week. Therefore, the manager decides to bump up the inventory replenishment for Monday by 50%.

Which forecasting method did the manager use to make this decision?

Answer:
Weighted moving average

QUESTION

A company has developed a new product that links a smartphone app to a doorbell and home security monitoring system. There is nothing else like it on the market and no prior sales history from which to develop a forecast. A sales manager is trying to determine the best price point for introduction, while also trying to estimate what first-year sales volumes might be.

What are two possible means for determining the price point and first-year sales forecast?

Choose 2 answers

Answer:
Panel of experts & Test market

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QUESTION

A hospital administrator needs to determine how many beds to make available for exam rooms, operating rooms, and in-patient care. The hospital board announces they will be getting more patient referrals from specialists at a newly opened clinic.

What should the administrator use to forecast how many beds to make available, given the increased number of patients?

Answer:
Weighted moving average using patient referral data

QUESTION

What is the time horizon for medium-range forecasting?

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Answer:
6 to 18 months

QUESTION
A large retail chain is developing an aggregate plan for its "holiday tree" product line. It does not specify Douglas fir, pine, spruce tree, or artificial tree variations, just overall quantity of trees to be offered throughout the holiday season.

What is the appropriate time fence for the aggregate plan?

Answer:
6 to 18 months before the holiday season begins

QUESTION
A bicycle company receives an order to deliver 200 bicycles by the end of the month.

Which planning process will help this company to decide the required quantity of bicycle tires to meet the order?

Answer:
MRP & MRP II

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QUESTION
A computer company needs to order 50 computer screens from a vendor so they can assemble 100 computers by the end of the month.

What does the computer company need to know to ensure the parts arrive when they are needed?

Answer:
Lead time

QUESTION
A computer company receives an order for 100 computers from a customer inside of its lead time. The production planner agrees to support the order.

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